

Title (en)

Improvements in a process for delignifying lignocellulosic pulp by means of oxygen.

Title (de)

Verbesserung des Verfahrens zum Delignifizieren von Lignocellulose-enthaltendem Zellstoff mittels Sauerstoff.

Title (fr)

Amélioration d'un procédé de délignification de pâte lignocellulosique en utilisant de l'oxygène.

Publication

EP 0524127 A2 19930120 (EN)

Application

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Priority

BR 9102464 A 19910614

Abstract (en)

The present invention refers to an improvement for delignifying a lignocellulosic pulp by means of oxygen wherein ethanol is used as an additive and the process is carried out at high temperature thereby obtaining a higher reduction of lignin content of the lignocellulosic pulp, that is, a higher reduction of the Kappa Number in comparison with conventional processes without, however, prejudicing the pulp quality. The use of the present invention provides a pulp which, when subjected to subsequent bleaching sequences, will require a lower amount of chloro compounds in order to achieve the desired whiteness and will also exhibit a high viscosity thus rendering a product with good resistance properties.

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IPC 8 full level

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CPC (source: EP)

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